GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2332
ANSWERED ON:30.11.2016
Foreign Collaboration in Nuclear Sector
Chautala Shri Dushyant

Will the Minister of ATOMIC ENERGY be pleased to state:

(a)whether the Government has planned to achieve 63 GW of nuclear power capacity by 2032;

(b)if so, whether the Government has entered into any agreement for foreign collaboration through Nuclear Power Corporation of India; and

(c)if so, the details thereof and the total number of nuclear reactors planned to be established to achieve the above target?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)The Integrated Energy Policy formulated in the year 2006 had envisaged reaching a nuclear power capacity of 63,000 MW by 2032. Further, the Government in its recent submission of Intended Nationally Determined Contribution (INDC) has also stated that efforts are being made to achieve 63 GW installed capacity by the year 2032, if supply of fuel is ensured.
(b)The Government has entered into enabling Intergovernmental Agreements with several countries for cooperation in nuclear energy. NPCIL has signed General Framework Agreement with Atomstroyexport (ASE) of Russian Federation for setting up Units 3&4 at Kudankulam in Tamil Nadu (KKNPP-3&4 − 2X1000 MW) in April 2014 and a supplement in December 2014, in line with the Inter-Governmental Agreement. In addition, techno-commercial discussions between Nuclear Power Corporation of India Limited (NPCIL) and ASE for two more units at Kudankulam in Tamil Nadu (KKNPP 5&6 − 2X1000 MW) have been concluded.

(c) The Government has accorded 'in principle' approval of sites for locating 28 nuclear power reactors each of 1000 MW and above capacity with foreign technical cooperation. Of these, two 1000 MW reactors with Russian cooperation have been accorded financial sanction and work on the project has commenced.

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